

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q68366

Shigeru SASAKI, et al.

Appln. No.: 10/062,435

Confirmation No.: 2654

Filed: February 05, 2002

Group Art Unit: 1711

Examiner: Unknown

TC 1700 MAIL ROOM

AROMATIC POLYMER PHOSPHONIC ACID DERIVATIVE AND PROCESS FOR For:

PRODUCTION THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

- 1. M. Guiver et al., Functional group polysulphones by bromination-metalation", Polymer, Vol. 30, (June 1989), pp. 1137-1142.
- 2. Japanese Patent Application Publication No. 9-87510, published March 31, 1997 with English Abstract.
- 3. P. Tavs, "Reaktion von Arylhalogeniden mit Trialkylphosphiten und Benzolphosphonigsaure-dialkylestern zu aromatischen Phosphonsaure-estern und Phosphinsaureestern unter Nickelsalzkatalyse", Chem. Ber. 103, (1970), pp. 2428-2436.

Shigeru SASAKI et al.

10/062,435

INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed: (1) No later than three months from

the application's filing date for an application other than a continued prosecution application (CPA) under

§1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3)

Before the mailing date of the first Office Action after filing a request for continued examination (RCE)

under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is

required.

Applicants states the brief statement as Elementary reaction of introducing a phosphonic acid

group is described with an English Abstract.

The submission of the listed documents is not intended as an admission that any such document

constitutes prior art against the claims of the present application. Applicant does not waive any right to

take any action that would be appropriate to antedate or otherwise remove any listed document as a

competent reference against the claims of the present application.

Respectfully submitted,

Registration No. 24,625

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WASHINGTON OFFICE

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PATENT TRADEMARK OFFICE

Date: May 7, 2003

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	• Complete if Known			
	Application Number	10/062,435		
DISCLOSURE	Confirmation Number	2654 February 05, 2002		
APPLICANT	Filing Date			
THE ELECTRICAL	First Named Inventor	Shigeru SASAKI		
MAY 0 7 2003 Suse as many sheets as necessary)		1711		
us weresuny)	Examiner Name	Unknown		
of 1	Attorney Docket Number	Q68366		
		Application Number Confirmation Number Filing Date First Named Inventor Art Unit Examiner Name		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document 1	Document Number		0	
		Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
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FOREIGN PATENT DOCUMENTS							
	Cite	Fo	Foreign Patent Document			Name of Patentee or	Translation ⁶
	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	
		JР	9-87510	A	03/31/1997	Nippon Gosei Gomu KK	English Abstract
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		OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			
		M. Guiver et al., "Functional group polysulphones by bromination-metalation", Polymer, Vol. 30, (June 1989), pp. 1137-1142.			
		P. Tavs, "Reaktion von Arylhalogeniden mit Triakylphosphiten und Benzol-phosphonigsauredialkylestern zu aromatischen Phosphonsaure-estern und Phosphinsaureestern unter Nickelsalzkatalyse", Chem. Ber., 103, (1970), pp. 2428-2436 with Abstract.			

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.